

**EDUCATION COUNCIL
of the
NEBRASKA INFORMATION TECHNOLOGY COMMISSION**

**July 18, 2003
9:00AM-12:00PM CT**

**Tentative NVCN Sites: Lincoln Executive Building, 521 S. 14th, Suite 103
Chadron State College Student Center, Scottsbluff Room
Wayne State College Connell Hall, Room 021
Omaha State Office Building, 2nd Floor**

Proposed Agenda

(The Council will attempt to adhere to the sequence of the published agenda, but reserves the right to adjust the order of items if necessary and may elect to take action on any of the items listed. Items marked in **BOLD** are expected action items.)

9:00 AM	1. Call to Order, Electronic Posting, Roll Call, Introductions	Co-Chair
9:05 AM	2. Consider approval of the Agenda for the July 18, 2003 meeting	Co-Chair
9:07 AM	3. Consider approval of Minutes from the May 16, 2003 meeting	Co-Chair
9:10 AM	4. Public Comment	Co-Chair
9:15 AM	5. Welcome new Education Council members: Chuck Lenosky, Rob Manzer, Michael Pate and new alternates Bill Path, Linda Richards	Co-Chair
9:20 AM	6. <i>Presentation/Update: Development of the Statewide Network</i>	S. Schafer/B. Decker
9:35 AM	7. NITC Report: June 10, 2003 Meeting	S. Schafer
9:45 AM	8. Lt. Governor's Kearney press conference on 7-15-03	S. Schafer
9:50 AM	9. Interim Network Policy Work Group formation	T. Rolfes
10:00 AM	10. Appointment of Education Council Action Item Task Groups	Co-Chair
	A. Task Group Membership (EC 1.1, 1.2, 1.3, 2.1, 5.1, 5.2, 6.1)	
	B. Next Steps	
	C. Deliverables	
10:30 AM	11. Consider resolution to support a Nebraska application for membership to the K-20 Initiative/Sponsored Education Group Participation (SEGP) of Internet 2	Co-Chair
10:50 AM	12. Work Group/Committee Reports	Co-Chair
	A. Training Advisory Work Group--No Report	
	B. NET Distance Learning Report	B. Huber
11:00 AM	13. Naming the Nebraska Network (Other states' network names)	T. Rolfes
11:10 AM	14. Other	Co-Chair

11:15 AM	15. Confirm locations for the September 19 and October 17, 2003 meetings; No meeting in August.	Co-Chair
11:20 PM	16. Adjournment	Co-Chair

NITC/Education Council Homepage: <http://www.nitc.state.ne.us>

Meeting Notice Posted to the NITC Web site 05-16-03

Meeting Notice Posted to the [Nebraska Public Meeting Calendar](#) 05-16-03

Agenda Posted to the NITC Web site 07-15-03

EDUCATION COUNCIL
Nebraska Information Technology Commission
Friday, May 16, 2003, 9:00 a.m.
UNL East Campus Student Union
37th & Fair Streets, Lincoln, Nebraska
PROPOSED MINUTES

VOTING MEMBERS/ALTERNATES PRESENT:

Mr. **Keith Bartels**, Nebraska Association of School Boards;
Ms. **Linda Engel**, Nebraska City Public Schools
Mr. **Terry Haack**, Elkhorn High School
Mr. **Kent Hendrickson**, alt.-UNL
Ms. **Yvette Holly**, alt.-UNMC
Dr. **Jack Huck**, Southeast Community Council
Mr. **Jeff Johnson**, Centennial Public Schools
Dr. **Robert Manzer**, alt. for Independent Colleges
Dr. **Ed Rastovski**, Wahoo Public Schools;
Dr. **Robin Smith**, alt. for State Colleges
Mr. **Alan Wibbels**, ESU 10

LIAISONS PRESENT:

Mr. **Bob Huber**, Nebraska Education Telecommunications Commission
Dr. **Dean Bergman**, Nebraska Department of Education

MEMBERS AND LIAISONS NOT PRESENT: Dr. Sheila Stearns, Wayne State College; Dr. Jerry Moskus, Metropolitan Community College; Mr. Con Dietz, Creighton University; Mr. Joe LeDuc, Catholic Diocese of Lincoln; Mr. Al Schneider, ESU 5; Ms. Brenda Decker, DAS-Division of Communications; Dr. David Powers, Coordinating Commission for Postsecondary Education.

CALL TO ORDER, ELECTRONIC POSTING, ROLL CALL AND INTRODUCTIONS

Dr. Huck called the meeting to order at 9:05 a.m. Roll call was taken. There were 10 voting members present at the time of roll. A quorum existed to conduct official business. The meeting notice was posted to the NITC and Public Meeting Calendar Web sites on April 17, 2003. The meeting agenda was posted to the NITC Web site on May 7, 2003.

APPROVAL OF THE MAY 16, 2003 AGENDA

Mr. Hendrickson moved to approve the May 16th agenda as presented. Ms. Engel seconded the motion. Roll call vote: Bartels-Yes, Engel-Yes, Haack-Yes, Hendrickson-Yes, Holly-Yes, Huck-Yes, Johnson-Yes, Manzer-Yes, Rastovski-Yes, Smith-Yes, and Wibbels-Yes. The motion was carried by unanimous vote.

APPROVAL OF THE APRIL 17, 2003 MINUTES

Mr. Rastovski moved to approve the [April 17, 2003](http://www.nitc.state.ne.us/ec/meetings/minutes/ECminutes05.16.03.htm) minutes as presented. Mr. Hendrickson seconded the motion. Roll call vote: Wibbels-Yes, Smith-Yes, Rastovski-Yes, Manzer-Yes, Johnson-Yes, Huck-Yes, Holly-Yes, Hendrickson-Yes, Haack-Yes, Engel-Yes, and Bartels-Yes. The motion was carried by unanimous vote.

PUBLIC COMMENT

Mr. Kim Brown, Technology Coordinator for Bellevue Public Schools and representative of MOEC (Metropolitan Omaha Education Consortium), asked to be acknowledged for public comment. He introduced Connie Schaffer, another MOEC representative from UNO. Mr. Brown expressed his concerns that there was no representation from MOEC on the Education Council and therefore the NITC Education Council is guilty of ignoring the needs of one-third of Nebraska's K-12 students. He also stated that last February a meeting was held between MOEC and Lieutenant Governor Heineman and Steve Shafer, Chief Information Officer, regarding NETCOM and the Education Council. MOEC's representation on the Education Council was also discussed at this meeting and it

was conveyed at that time that their membership would be given serious consideration. Mr. Brown questioned why MOEC had not been included in any of the new member positions as part of the May 16 slate of nominees.

Mr. Rolfes responded that Mr. Michael Pate, school board member from Millard Public Schools, had been nominated by the Nebraska Association of School Boards to fill the position vacated by Mr. Keith Bartels. Mr. Rolfes further explained that membership nominations arise from each of the sub-sector organizations represented on the Education Council. When there is a vacancy, the staff of the CIO/NITC inform the sub-sector organizations and solicit nominations. Once the Education Council forwards the membership recommendations, the NITC approves them. Further, the person or persons nominated by each of the sub-sector organizations are to be responsible for representing the entire State of Nebraska, not just a single geographic area or interest. After much discussion, Mr. Rolfes recommended that MOEC contact NSEA (Nebraska State Education Association) and the NCSA (Nebraska Council of School Administrators) if they have membership concerns. Mr. Brown stated that the process was not made clear to him at the meeting held in February nor was there such a recommendation made. The Education Council Chair requested that the minutes reflect that better communication must occur between MOEC and its council sub-sector representatives.

EDUCATION COUNCIL MEMBERSHIP RECOMMENDATIONS FOR THE JUNE 10, 2003 NITC MEETING

The following slate of members were presented for the council recommendation to the NITC:

Higher Education Renewals: Jack Huck (Community College System), alt. Bill Path and Tom Krepel (State College System) alt. Robin Smith

Higher Education New Members: Chuck Lenosky (Independent Colleges and Universities-Replacing Dietz) alt. Jerry Harnisch and Rob Manzer (Independent Colleges and Universities-Pro tem O'Neill) alt. Thomas O'Neill, Jr. K-12 Education Renewals: Linda Engel (Public School Teachers) alt. Renee Bose; Joe LeDuc (Private/Parochial School Teachers) alt. Tom Kortz; Ed Rastovski (School Administrators) alt. Keith Rohwer; and Al Schneider (Educational Service Units) alt. Wayne Bell

K-12 Education New Member: Michael Pate (Boards of Education-Pro tem Bartels) alt. Linda Richards

Mr. Johnson moved to approve the slate of membership for forwarding to the NITC. Mr. Bartels seconded the motion. Roll call vote: Johnson-Yes, Manzer-Yes, Rastovski-Yes, Smith-Yes, Wibbels-Yes, Bartels-Yes, Engel-Yes, Haack-Yes, Hendrickson-Yes, Holly-Yes, and Huck-(left the room). The motion was carried by majority vote.

The University of Nebraska System still has an unfilled member vacancy previously occupied by the Vice-Chancellor for Academic Affairs from the UN Medical Center.

Keith Bartels and Con Dietz (not present) were recognized for their contributions and efforts to the State of Nebraska and the Nebraska Information Technology Commission. Mr. Bartels was one of the founding members of the Council in 1997 and has been steadily involved ever since its inception. Each received a certificate of appreciation from Lieutenant Governor Heineman. Congratulations were given to those members who were reappointed.

EDUCATION COUNCIL ACTION ITEM STATUS REPORT FOR 2002-03

The Action Item Progress Report was provided to the Council members as an informational item. The report will be submitted to the NITC at the June 10th meeting and included as part of the 2003 Statewide Technology Plan, annually submitted to the Governor and the Legislature.

EDUCATION COUNCIL PROPOSED ACTION ITEMS FOR 2003-04

Mr. Rolfes reviewed the revised and new action items with the Council that will be submitted to the NITC at the June 10th meeting for their approval and inclusion in the 2003 Statewide Technology Plan.

Mr. Bartel's moved to adopt the 2003-04 Action Items for final approval by the NITC. Dr. Manzer seconded the motion. Roll call vote: Manzer-Yes, Johnson-Yes, Huck-Yes, Holly-Yes, Hendrickson-Yes, Haack-Yes, Engel-Yes, Bartels-Yes, Wibbels-Yes, Smith-Yes, and Rastovski-Yes. The motion was carried by unanimous vote.

OTHER

There was no other business.

CONFIRM LOCATIONS FOR THE JULY 18TH AND AUGUST 15TH MEETINGS AND ADJOURNMENT

Mr. Rolfes informed the Council that a decision on the RFP for Phase I of the Statewide transport backbone will be made by June 16th. An update on Phase I and II of the Statewide Network can be an agenda item for the July meeting. For the past 2 years, the council has not met in June.

Mr. Hendrickson moved to have a July Education Council videoconference meeting and not to have an August meeting. Dr. Smith seconded the motion. Roll call vote: Engel-Yes, Haack-Yes, Hendrickson-Yes, Holly-Yes, Huck-Yes, Johnson-Yes, Manzer-Yes, Rastovski-Yes, Smith-Yes, Wibbels-Yes, and Bartels-Yes. The motion was carried by unanimous vote.

With no further business, Dr. Huck adjourned the meeting at 9:30 a.m.

The [Internet2 Presentation](#) followed the Education Council business meeting, as presented by Jerry Niebaum and Kristen Klaver from the Great Plains Network Consortium. Approximately 60 guest were present for the presentation.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by Tom Rolfes, Office of the CIO/NITC

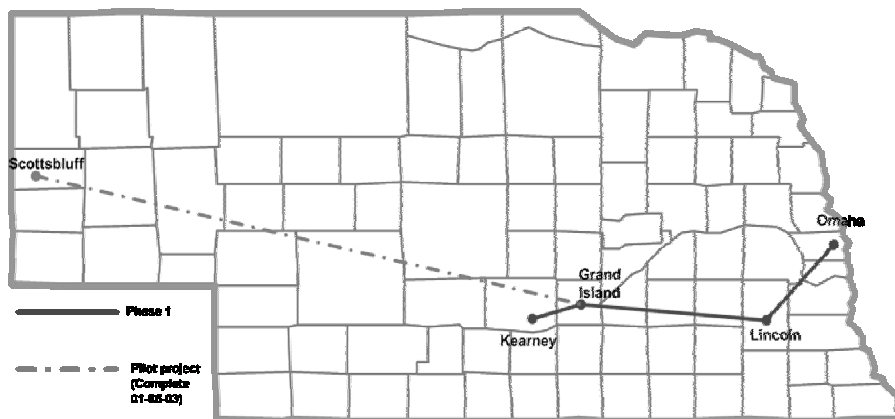
Education Council

Presentation / Update On The Development Of The Statewide Network

Friday July 18, 2003

1

Collaborative Aggregation Partnership (CAP) “Desired” Core Sites Phase I



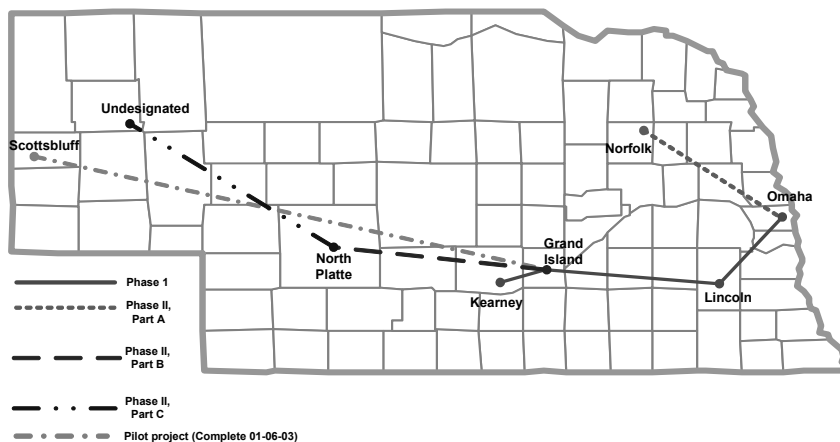
Phase I

Multi-Purpose Transport Backbone Network Kearney – Grand Island – Lincoln - Omaha

- 5-year contract with Alltel with periodic price reviews
- Installation by September 30, 2003
- MPLS Technology (Multi Protocol Label Switching)
- Benefits
 - Cost savings
 - Scalability
 - Support multiple protocols

3

Collaborative Aggregation Partnership (CAP) “Desired” Core Sites Phase II



*Note: Future routing sites are subject to change
Revised 7/14/2003 by Iroach

Phase II

Multi-Purpose Transport Backbone Network Norfolk, North Platte, Panhandle

- RFP released on July 9, 2003
- Mandatory pre-proposal conference on July 22
- Proposal opening on August 13
- Contract award on September 26
- Contractor Start Date January 31, 2004

5

Next Steps

- “Tier 2” aggregation points
- Identify potential users
 - Telehealth
- Identify applications
 - Internet 1
 - Internet 2
 - Other

6

Network Policy Work Group

- First meeting on August 1
- Immediate Issues
 - Rate structure / cost recovery
 - Allocation of SEGP costs
 - Quality assurance options
 - Customer support options
- Longer term issues
 - Advice on network operations
 - Advice on governing board or advisory board
 - Advice on priorities for value-added applications

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Contact Information

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NEBRASKA INFORMATION TECHNOLOGY COMMISSION

Tuesday, June 10, 2003, 1:00 p.m.

Videoconference Sites:

Executive Building-Videoconference Room 103, 521 South 14th Street, Lincoln, Nebraska
 Panhandle Station-High Plains Room, 4502 Avenue I, Scottsbluff, Nebraska
 Kearney Public Library-Information Center, 2nd Floor, 2020 1st Avenue, Kearney, Nebraska
 State Office Building, Room 207 (2nd Floor), 1313 Farnam Street, Omaha, Nebraska

AGENDA

Meeting Documents:

Click the links in the agenda
 or [click here](#) for all documents (3 MB)

1:00 p.m.	Call to order and Roll Call - Lt. Governor Heineman Notice of Meeting Approval of March 24, 2003 Minutes* Public Comment Presentation to Brenda Decker (Recipient, Government Technology Magazine Award)
1:15 p.m.	Update on Major Initiatives
	<i>A. Telecommunications Infrastructure</i>
	1. NETCOM/CAP - Brenda Decker [Pursuant to Neb. Rev. Stat. § 84-1410, the NITC may enter closed session to receive a briefing on "Convergent Transport Backbone Network Services" RFP (SCA-0262), currently under review by the Division of Communications.] 2. Statewide Telehealth Network - Anne Byers 3. Statewide Synchronous Video Network- Tom Rolfes
	<i>B. Community and Economic Development</i>
	1. Technologies Across Nebraska Survey Results Anne Byers 2. Status Report on Mini-planning Grants - Anne Byers
	<i>C. Delivery of Government and Educational Services</i>
	1. E-government Strategy - Rick Becker 2. Annual E-Government Conference (Nov. 18) Co-sponsorship - Steve Schafer 3. E-Learning Initiative - Jean Jones and Jim Zemke
	<i>D. Planning and Accountability</i>
	1. <u>Security Initiatives</u> - Steve Schafer
2:15 p.m.	Statewide Technology Plan *
	<u>Complete Plan</u> - or by section - <u>Section 1 - Introduction</u> <u>Section 2 - Goals</u> <u>Section 3 - Action Plan</u> <u>Section 4 - Effectiveness Measures</u>
	A. Review of changes to previous version (2002) B. Discussion - Does the draft update reflect the NITC's goals and priorities? C. Request for approval
2:45 p.m.	Other Reports from the Councils, Technical Panel and Staff
	A. Community Council Report - Anne Byers B. Education Council Report - Tom Rolfes - New Members* C. State Government Council Report - Steve Schafer D. Technical Panel Report

NITC Agenda - June 10, 2003

	E. Staff Report <ul style="list-style-type: none">- E-Government Survey Options- Rick Becker- Update on use of E-mail Systems - Rick Becker- I.T. Expenditures - Steve Schafer
3:15 p.m.	Other Business
3:30 p.m.	Next Meeting Date - September 30th, 1:00 p.m., location to be determined. Adjournment

(Bolded * indicate Action Items.)

Meeting notice was posted to the NITC and Public Calendar Websites on May 27, 2003.
Agenda and meeting materials were posted to the NITC website on June 3, 2003.

FOR RELEASE ON
July 15, 2003, 3:00 p.m. CDT

CONTACT

Ann Tillery UNK Communications (308) 865-8131, 402-471-1967
Lt. Governor Heineman, 402-471-2456
Steve Schafer, Chief Information Officer, 402-471-4385

First Contract for Statewide Telecommunications Network

(Kearney, NE) Lt. Governor Heineman, Chair of the Nebraska Information Technology Commission, President Smith of the University of Nebraska, and Leo Perreault, Market Area President of Alltel for Nebraska, announced the first contract for creating a shared statewide telecommunications network that will serve K-12 education, higher education institutions, and governmental agencies, and other public entities. The contract with Alltel will aggregate telecommunications networks for the University, state agencies and other potential partners from Kearney to Grand Island, Lincoln, and Omaha.

Lt. Governor Heineman said, "Today represents a giant step forward for this project. This is Phase I of a multi-phase approach to creating a statewide system that will serve a wide range of existing and potential users." The Lt. Governor cited several benefits of the new contract:

- The State and University will save an initial combined \$5,300 per month, compared to today's costs;
- The contract and technology provides for improved scalability, which means that we only pay for the bandwidth that we need, when we need it, in the increments we need;
- Alltel will deploy a new technology (Multi Protocol Label Switching or MPLS) in Grand Island, Lincoln, and Omaha. MPLS provides redundancy, the ability to economically connect differing networks, as well as provide the scalability needed by network users;
- MPLS will also support multiple protocols in a secure environment, which is essential to sharing bandwidth;
- Using its contract with the state as financial anchor, Alltel plans to make MPLS technology available to any private or public entity in these communities, which will add to the benefits of this initiative.

Telecommunications networks are essential to supporting the functions relating to government, public safety, education, community development, and health care. Lt. Governor Heineman noted that "Telecommunications networks make it possible to obtain a driver's license in any county, regardless of one's county of residence. Law

enforcement anywhere in the state has instant access to state and federal databases. High schools share scarce teaching resources via distance education classes. The University can provide course offerings, research opportunities, and administrative systems to all of its campuses. Rural hospitals are able to increase their health care offerings via audio/video connections to larger medical centers.”

President Smith stated that, “Today's announcement demonstrates the fact that dreams actually can come true -- if enough people are willing to cooperate and work hard to make it happen. This agreement is the first step in launching a network that will be an enormous boon to education at all levels --allowing us to use state-of-the-art distance education protocols at every level, K-12, community colleges, state colleges and the university. Ultimately, it will allow students to access the courses or instructional modules they want from anywhere, anytime. And the big advantage is that we can do this in cooperation with state and local government agencies, reducing the costs for everyone.”

The RFP for Phase II of the statewide network has just been released, which will extend the network northward to Norfolk and westward to North Platte and the Panhandle.

#

**Education Council
of the
Nebraska Information Technology Commission**

EC Priorities and Action Items for 2003-04

Priorities

The sector priorities of the Education Council of the Nebraska Information Technology Commission are to provide recommendations that support the:

- EC-1: Provision of an infrastructure that will permit all citizens of Nebraska to have access to the same educational experiences, regardless of location.
- EC-2: Identification and facilitation of diverse training opportunities;
- EC-3: Ensurance of life cycle funding;
- EC-4: Accommodation of learner needs;
- EC-5: Coordination of statewide education I.T. efforts and resources, including collaboration with public and private entities;
- EC-6: Pursuit of leading edge technology applications to enhance teaching and learning.

Action Items

PRIORITY EC-1

Provision of an infrastructure that will permit all citizens of Nebraska to have access to the same educational experiences, regardless of location.

EC 1.1 (Continuation)

Title: Statewide Synchronous Video Network Implementation

Description: The Education Council will assist the NITC Technical Panel's Statewide Synchronous Video Work Group with defining the technical and non-technical requirements for interconnecting all synchronous video networks and meeting the scheduling needs of different participants. Issues to be addressed include business case, scheduling, traffic prioritization, security, quality assurance, cost-sharing, and existing contractual arrangements of regional networks.

Lead: Volunteer Task Group and Statewide Synchronous Video Work Group.

Timeframe: 3rd Quarter, 2003--4th Quarter, 2004

EC 1.2 (Continuation)

Title: Sufficient Rural Bandwidth

Description: The Education Council will assist the Network Architecture Work Group and the Collaborative Aggregation Partnership with network and application design considerations en route to implementation of a statewide IP-centric network. The Education Council will support strategies that ensure that sufficient bandwidth is being provided to the rural areas of the State so as to provide access to the same educational experiences, regardless of location. The Education Council will emphasize the needs of the rural areas, including IP-centric applications, during NETCOM OSI Layer 1 and 2 deployment and investigate application development that supports synchronous, asynchronous distance education as well as voice/video/data transfer.

Lead: Volunteer Task Group

Timeframe: 3rd Quarter, 2003--4th Quarter, 2004

EC 1.3 (New)

Title: Support the Nebraska Network project through the Interim Network Policy Work Group

Description: The Education Council will assist the Interim Network Policy Work Group, formed by the NITC's advisory councils, with developing recommendations on policy issues pertaining to the management and operation of shared networks, including input to the Collaborative Aggregation Partnership.

Lead: Office of the CIO

Timeframe: Ongoing

PRIORITY EC-2**Identification and facilitation of diverse training opportunities;****EC 2.1 (Revised)**

Title: Recommend Change in Funding for Technology Training Grants

Description: The Education Council, with the cooperation of the Training Advisory Work Group, will solicit the necessary funding to conduct a statewide needs assessment of K-12 and Higher Education technology training that will help to determine the business case for re-institution of the Technology Training Grant Fund.

Lead: Volunteer Task Group, in cooperation with the Training Advisory Work Group

Timeframe: 3rd Quarter, 2003 – 2nd Quarter, 2004

PRIORITY EC-3**Ensurance of life cycle funding;**

No additional activity was identified for this priority in this performance year.

PRIORITY EC-4**Accommodation of learner needs;**

No additional activity was identified for this priority in this performance year.

PRIORITY EC-5**Coordination of statewide education I.T. efforts and resources, including collaboration with public and private entities;****EC 5.1 (New)**

Title: Nebraska eLearning Initiative for the coordination of synchronous and asynchronous distance learning experiences for K-20 students.

Description: The Education Council will assist in the design and development of the Nebraska eLearning Initiative. This effort involves the coordination of multiple education entities to originate and receive a variety of electronic learning opportunities, delivered through terrestrial and satellite methods using synchronous and asynchronous experiences. This initiative will require outside funding and may address but not be limited to: A) course content development and sharing; B) course management strategies, tools and training; and C) cooperative services and aggregated purchasing possibilities.

Lead: Volunteer Task Group, in cooperation with the Nebraska Department of Education and Higher Education entities.

Timeframe: 3rd Quarter, 2003 – 4th Quarter, 2004

EC 5.2 (New)

Title: Value-added services for the Nebraska 'Click into Education' Portal

Description: The Education Council will help oversee the completion of three enhancements to the Nebraska Education Portal, as prioritized by the Education Council in November, 2002. These enhancements included a web-based application for college admission, a searchable database of Nebraska higher education course offerings and programs, and a searchable I.T. training calendar for formal education entities.

Lead: Volunteer Task Group

Timeframe: 3rd Quarter, 2003 – 2nd Quarter, 2004

PRIORITY EC-6

Pursuit of leading edge technology applications to enhance teaching and learning.

EC 6.1(Continuation)

Title: Synchronous and Asynchronous Instructional Methods

Description: The Education Council will encourage the development of new instructional methods and resources for synchronous and asynchronous instruction and help establish guidelines for their appropriate use. This task group will also examine the value and cost-effectiveness of synchronous and asynchronous distance learning services using satellite and terrestrial means. This task group will help solicit the necessary funding to conduct a meta-study to determine the confidence and satisfaction that users have in synchronous and asynchronous distance learning delivery systems. In so doing, the effectiveness and efficiencies of the satellite-based distance learning system would be explored.

Lead: Volunteer Task Group

Timeframe: 3rd Quarter, 2003 – 4th Quarter, 2003

The current slate of action items was discussed and recommended by the Education Council on May 16, 2003 and was approved by the NITC at their June 10, 2003 meeting. It was included in "Section 2—Council Priorities and Action Items" of the 2003-04 Statewide Technology Plan.

**Education Council
of the
Nebraska Information Technology Commission**

***** DRAFT RESOLUTION OF SUPPORT *****

The Education Council of the Nebraska Information Technology Commission, directly and indirectly representing Nebraska public and private K-12 and higher education, hereby resolves to:

- Encourage the University of Nebraska-Lincoln, the primary Internet 2 participant within the State of Nebraska, to make application to the University Corporation for Advanced Internet Development (UCAID) on behalf of the public and private educational institutions of Nebraska (K-12 school districts, Educational Service Units, Community Colleges, State Colleges, Independent Colleges and Universities) as a Sponsored Education Group Participant (SEGP) of Internet 2 in the Abilene Network;
- Encourage all of Nebraska's educational institutions to abide by the Abilene Network Terms of Participation including the Abilene Conditions of Use, which is part of the Participation Agreement;
- Encourage the education community to name one or more advanced network applications between Nebraska formal and informal educational entities and educational entities outside of Nebraska's borders;
- Assist in the identification and/or provision of three Internet2 K-20 Initiative Advisory Team members from Nebraska to attend regional and national meetings;
- Promote the inclusion and involvement of other Nebraska educational and research entities (state agencies such as NDE, Game & Parks Commission, Library Commission; museums; zoos; hospitals; and public libraries) into SEGP status;
- Work collaboratively with the University of Nebraska and other education entities to construct a cost allocation model that will ensure sustainability of Internet 2 services and participation.

The Education Council of the Nebraska Information Technology Commission directs the staff of the Office of the Chief Information Officer to send this resolution by July 31, 2003 to:

Mr. Walter Weir, CIO of the University of Nebraska

Mr. Rick Golden, Director of Networking, University of Nebraska Computing Services Network

Mr. Kent Hendrickson, Associate Vice-Chancellor for Information Services, UNL

Mr. Dale Finkelson, Network Engineer, UNL Information Services

NETWORK 2 Hours

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	AVG
1990 - 1991	NA	NA	NA	127.9	101.6	45.2	51.8	55.1	68.8	84.3	42.4	46.5	624	69
1991 - 1992	14.5	10.5	67.5	55.7	51.8	31.2	20.5	93.0	73.0	139.5	69.5	35.0	662	55
1992 - 1993	9.0	34.3	112.7	143.1	80.7	45.6	126.5	132.7	157.8	136.8	116.5	50.5	1,146	96
1993 - 1994	19.0	39.3	125.1	135.4	126.1	78.3	89.3	97.4	139.1	127.5	82.0	77.5	1,136	95
1994 - 1995	46.3	77.4	186.9	208.2	183.4	107.9	166.8	213.8	214.0	195.9	110.9	109.9	1,821	152
1995 - 1996	79.5	50.0	151.0	153.8	129.0	76.0	167.8	206.0	158.0	173.0	124.5	144.0	1,613	134
1996 - 1997	110.8	81.8	168.0	178.0	137.8	58.0	223.5	305.0	222.0	285.8	157.5	199.8	2,128	177
1997 - 1998	226.0	179.0	565.3	592.3	457.5	331.5	474.8	621.5	557.0	518.5	216.3	463.0	5,203	434
1998 - 1999	342	292	545	588	505	296	462	562	596	683	364	454	5,689	474
1999 - 2000	277	302	575	574	556	302	488	597	552	620	357	351	5,551	463
2000 - 2001	199	307	619	666	617	317	683	705	530	730	409	411	6,193	516
2001 - 2002	367	322	658	778	716	527	590	628	601	771	398	434	6,790	566
2002 - 2003	273	220	615	692	493	388	622	728	582	679	374	400	6,066	505
2003 - 2004														

NETWORK 3 Hours

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	AVG
1991 - 1992	NA	NA	189.0	262.0	228.0	141.0	159.0	234.0	218.0	243.0	48.5	113.0	1,836	184
1992 - 1993	154.0	251.5	659.3	757.0	569.5	341.8	796.5	842.5	778.3	871.8	324.8	294.0	6,641	553
1993 - 1994	275.5	431.3	793.0	806.0	780.0	434.0	888.3	912.0	858.0	917.5	399.0	432.5	7,927	661
1994 - 1995	214.5	529.5	1124.5	1104.5	1031.0	553.0	1259.5	1440.0	1258.8	1332.8	476.8	679.5	11,004	917
1995 - 1996	260.6	714.0	1622.5	1652.0	1407.0	715.5	1395.0	1722.5	1213.3	1521.3	435.8	630.0	13,289	1,107
1996 - 1997	720.5	764.0	1787.3	2121.9	1579.5	936.0	1484.0	1752.8	1383.0	1813.5	704.5	2056.0	17,103	1,425
1997 - 1998	811.3	700.5	1773.0	1858.5	1456.8	921.8	1509.3	1750.8	1438.8	1873.2	682.5	1882.0	16,658	1,388
1998 - 1999	982.0	942.0	1798.0	1740.0	1473.3	797.0	1734.0	1914.0	1760.0	1975.0	793.8	1227.0	17,136	1,428
1999 - 2000	688	1019	1891	1689	1772	807	1560	1911	1645	1753	660	921	16,316	1,360
2000 - 2001	478	1040	1972	1687	1597	687	1952	1859	1613	1846	831	954	16,516	1,376
2001 - 2002	678	761	1640	1798	1544	1545	1504	1745	1295	1903	790	1109	16,312	1,359
2002 - 2003	679	781	1724	1760	1449	1027	1307	1507	1295	1524	806	1076	14,935	1,245
2003 - 2004														

Submitted By: Nan Rowe, NET

2002-2003 NEB*SAT NETWORK 2 HOURS OF SERVICE

DEPT / CLIENTS	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
CCC CLASSES	74	69	173.00	184.50	160.00	122.50	144.00	180.00	138.00	202.50	82.00	117.00	1646.00
CCC AD HOC	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CREIGHTON CLASSES	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
CREIGHTON AD HOC	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
IANR CLASSES	0	0	0.00	6.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9
IANR AD HOC	4	8	0.00	4.00	2.00	5.50	34.50	12.50	32.00	11.50	17.50	20.50	152
MID PLAINS CLASSES	100	35	100.00	108.00	81.00	43.00	69.00	121.50	104.00	123.00	46.00	96.50	1027
MID PLAINS AD HOC	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	28
METRO CLASSES	47	26	143.00	154.00	73.00	111.00	207.00	219.50	127.50	153.00	101.50	26.00	1388
METRO AD HOC	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2
NECC CLASSES	0	0	0.00	0.00	0.00	0.00	0.00	0.00	9.00	6.50	0.00	0.00	16
NECC AD HOC	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
SECC CLASSES	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
SECC AD HOC	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
UNK CLASSES	25	17	81.00	76.00	55.00	27.00	55.00	65.50	55.00	76.00	33.50	90.00	656
UNK AD HOC	0	0	0.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	6
UNL CLASSES	0	18	44.50	67.50	64.00	19.00	36.50	37.00	32.50	35.50	3.00	3.50	361
UNL AD HOC	3	0	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	6
UNMC CLASSES	3	7	38.50	53.50	31.00	26.00	21.50	32.50	22.00	32.50	3.50	0.00	271
UNMC AD HOC	1	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.00	3.50	32
UNO CLASSES	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
UNO AD HOC	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
WNCC CLASSES	0	0	2.00	4.00	4.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	12
WNCC AD HOC	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	16
MIDLD LUTH CLASSES	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
CLAY CENTER CLASSES	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
CLAY CENTER AD HOC	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
NET MARKETING	4	20	17.00	15.50	6.00	11.50	17.00	23.00	0.00	6.00	17.00	15.00	152
CHILDRENS HOSPITAL	4	5	3.00	4.00	4.00	3.00	4.00	4.00	4.00	4.00	5.00	3.00	47
NEB*SAT AD HOC	4	15	13.00	14.00	10.50	17.00	30.00	32.50	51.50	28.00	15.00	9.00	239
MONTHLY TOTAL	273	220	615.00	691.50	492.50	387.50	621.50	728.00	581.50	678.50	374.00	400.00	6063
TOTAL FISCAL YR 02	367	322	658.00	778.00	715.50	527.00	590.00	628.00	601.00	771.00	398.00	434.00	6,789
CHANGE	-93.5	-102.5	-43	-86.5	-223	-139.5	31.5	100	(20)	(93)	(24)	(34)	(727)

2002 - 2003 NEB*SAT NETWORK 3 HOURS OF SERVICE

UPLINK	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
LINCOLN 1	54.00	64.50	130.00	140.50	106.50	76.00	90.50	101.50	80.50	96.00	57.50	62.00	1059.50
LINCOLN 2	4.50	39.00	106.00	99.00	70.00	63.50	74.50	61.50	54.00	69.50	45.00	2.00	688.50
LINCOLN 3	85.50	39.50	132.00	141.00	115.50	87.00	107.00	136.50	134.00	145.00	29.00	92.00	1244.00
LINCOLN 4	64.00	36.00	93.50	82.00	70.00	44.00	79.00	90.00	80.50	100.00	46.00	95.00	880.00
LINCOLN 5	7.50	8.50	49.50	62.50	49.00	58.00	54.00	63.50	58.00	59.00	39.00	46.00	554.50
LINCOLN 6	24.00	6.00	5.50	7.00	3.00	8.00	19.50	26.00	25.00	29.00	23.50	27.50	204.00
LINCOLN 7	3.00	2.00	0.00	5.00	3.00	0.00	3.00	10.00	6.00	0.00	9.00	0.00	41.00
LINCOLN 8	0.00	0.00	0.00	6.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00
OMAHA 1	2.00	40.00	91.50	78.50	69.00	57.00	74.50	69.50	52.00	73.00	43.00	65.00	715.00
OMAHA 2	42.00	44.50	40.00	51.50	43.50	27.00	14.00	17.50	26.00	16.00	0.00	7.00	329.00
S'BLUFF 1	0.00	36.50	69.00	77.50	71.00	47.50	26.50	20.50	20.50	39.50	11.50	0.00	420.00
S'BLUFF 2	9.50	44.00	86.50	80.50	75.00	47.50	68.50	74.50	65.00	66.00	27.00	2.00	646.00
CHADRON	5.50	25.00	71.00	78.50	63.50	40.00	68.00	81.50	64.00	78.50	16.50	0.00	592.00
KEARNEY 1	18.50	45.00	99.50	94.50	80.50	46.50	67.00	64.50	45.00	63.00	37.50	49.00	710.50
KEARNEY 2	34.00	17.00	77.00	73.00	64.50	49.00	67.00	76.00	75.00	78.00	34.50	57.00	702.00
MCCOOK	49.50	65.00	114.50	113.00	79.50	42.00	78.50	97.00	89.00	109.00	81.00	82.00	1000.00
NORTH PLATTE # 1	66.50	42.00	98.00	95.00	69.00	41.00	90.50	128.00	101.00	126.50	104.00	90.00	1051.50
NORTH PLATTE # 2	56.00	24.00	77.50	76.00	64.00	39.00	35.50	47.00	45.00	50.00	33.00	52.50	599.50
GR ISLAND 1	45.00	45.00	87.00	87.50	91.50	65.00	51.50	60.50	49.00	58.50	31.00	101.00	772.50
GR ISLAND 2	45.00	41.00	75.00	82.50	68.00	54.00	63.00	78.00	70.00	106.00	35.00	49.50	767.00
GR ISLAND 3	36.00	33.00	56.50	61.00	52.00	46.50	52.50	56.50	46.50	55.00	28.50	59.00	583.00
COLUMBUS	9.50	17.00	39.00	37.50	29.50	17.00	23.00	23.00	18.00	22.50	19.50	64.00	319.50
NORFOLK #1	12.00	23.00	19.00	11.00	8.00	1.00	7.00	12.00	12.00	10.00	14.00	0.00	129.00
NORFOLK #2	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
BROKEN BOW	0.00	14.00	35.00	24.00	32.00	16.00	7.50	8.00	5.00	13.50	21.00	72.00	248.00
HASTINGS	0.00	19.00	35.00	52.00	36.00	16.00	6.50	4.00	8.00	2.50	10.00	1.00	190.00
PERU	0.00	3.00	12.00	12.00	11.00	6.00	14.00	12.00	10.00	9.00	4.00	0.00	93.00
BEATRICE	0.00	0.00	0.00	0.00	0.00	0.00	6.00	16.00	9.00	3.00	0.00	0.00	34.00
ELKHORN	0.00	0.00	0.00	0.00	0.00	18.00	24.00	24.00	0.00	0.00	0.00	0.00	66.00
WAYNE	5.50	7.00	24.00	26.00	21.00	14.00	34.00	48.00	47.00	46.00	6.00	0.00	278.50
CLAY CENTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ITHACA	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
TOTALS	679.00	780.50	1723.50	1759.50	1448.50	1027	1307	1507	1295.00	1524.00	806	1076	14932
TOTAL FY 01	678.00	760.50	1639.50	1,798.00	1,543.50	1,545.00	1,504.00	1,745.00	1295.00	1903.00	790.00	1,109.00	16,311
CHANGE	1	20	84	-38.5	-95	-518.5	-197.5	-238	0.00	-379.00	16	-33.5	-1379

NEB*Sat Classes

Fiscal Year 2002 - 2003

MONTH	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	RESOURCE TOTAL
RESOURCE:													
Network II	111	101	253	310	222	211	294	348	273	324	147	150	2744
K-12	0	0	0	0	0	0	7	20	21	22	7	0	77
Higher Edu	102	73	240	305	214	198	256	304	216	286	111	124	2429
Other	9	28	13	5	8	13	31	24	36	16	29	26	238
Network III	112	111	254	364	345	205	235	281	245	306	117	144	2719
K-12	0	0	0	0	0	0	0	0	0	0	0	0	
Higher Edu	99	94	245	363	345	201	226	278	231	297	96	141	2616
Other	13	17	9	1	0	4	9	3	14	9	21	3	103
DS3 *	2	5	8	1	0	0	0	0	0	0	0	0	16
K-12	0	0	0	0	0	0	0	0	0	0	0	0	
Higher Edu	1	5	8	1	0	0	0	0	0	0	0	0	15
Other	1	0	0	0	0	0	0	0	0	0	0	0	1
Fiber	40	42	171	189	134	138	185	214	148	202	81	35	1579
K-12	0	0	0	0	0	0	0	0	0	0	0	0	
Higher Edu	25	29	171	189	131	132	173	205	143	186	67	21	1472
Other	15	13	0	0	3	6	12	9	5	16	14	14	107
MONTHLY TLS	265	259	686	864	701	554	714	843	666	832	345	329	7058
PREV YR TLS	337	348	828	967	863	675	716	808	672	928	403	407	7952
CHANGE	(72.00)	(89.00)	(142.00)	(103.00)	(162.00)	(121.00)	(2.00)	35.00	(6.00)	(96.00)	(58.00)	(78.00)	(894.00)

*NOTE: As of January 2002, ONLY SECC to NET connection

Submitted By: Nan Rowe, NET

NVCN HOURS														
YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	AVG
1997 - 1998	564	463	683	685	600	673	720	703	856	854	602	536	7,939	662
1998 - 1999	506	567	608	697	759	357	730	666	854	777	641	546	7,708	642
1999 - 2000	474	711	845	627	656	550	930	910	868	865	612	505	8,553	713
2000 - 2001	396	488	396	623	329	346	623	584	627	525	413	390	5,740	478
2001 - 2002	351	491	414	510	539	258	621	600	686	467	409	495	5,841	487
2002 - 2003	212	308	560	563	530	371	694	478	600	575	416	308	5,615	468
2003 - 2004														

2002 -2003 NVCN USAGE

EVENTS

Month	Hours	2-Way	Multi	Total	People	Site Usage
Jul	212	22	18	40	1054	115
Aug	308	34	25	59	1292	170
Sep	560	37	21	58	1334	243
Oct	563	41	30	71	1698	263
Nov	530	33	32	65	2698	256
Dec	371	26	21	47	877	208
Jan	694	34	48	82	1759	371
Feb	478	35	29	64	1147	266
Mar	600	35	36	71	1296	303
Apr	575	36	33	69	1474	300
May	416	28	26	54	1295	238
Jun	308	34	19	53	982	156
Total	5,615	395	338	733	16,906	2,889
Ave	467.9	32.9	28.2	61.1	1408.8	240.8
Prev Year	5,840	501	421	922	21,232	2,692
Change	(225)	(106)	(83)	(189)	(4,326)	197

Ave Event Length: 1.9 Hrs.

NEBRASKA VIDEO CONFERENCING NETWORK USAGE REPORT

May 1 - May 31, 2003

SITE	HRS/USAGE	NO. OF PEOPLE	SITE USAGE
AINSWORTH LIBRARY	4	3	2
BEATRICE MED CTR.	0	0	0
COLUMBUS LIBRARY	4	2	2
G.I. COLLEGE PARK	19.8	54	10
HASTINGS LIBRARY	3	5	2
KEARNEY LIBRARY	20	49	8
KEARNEY- UNK Med. Ctr.	7	19	4
LINCOLN--ATRIUM	3	4	1
LINCOLN--NET Control	106.5	61	53
LINCOLN--ENERGY SQUARE	2	10	2
LINCOLN--EXEC	30	113	16
LINCOLN-VARNER HALL	0	0	0
MAHONEY STATE PARK	0	0	0
NORFOLK COLLEGE	14	22	6
NORTH PLATTE- McKinley Ed. Ctr.	8	37	3
OMAHA--State Office Bldg.	10	14	5
OMAHA--UNMC	9.75	367	6
O'NEILL	3	13	3
SCOTTSBLUFF-Panhandle Learning Ctr.	23.75	30	12
S. SIOUX CITY	0	0	0
SIDNEY MCU			
ALLIANCE	0	0	0
CHADRON	1	3	1
MC COOK	3	1	1
SIDNEY	7	4	1
MCDONALD BELTON	0	0	0
VALENTINE	0	0	0
WAYNE	4	14	1
NEB*SAT	0	0	0
IN-Bound/OUT-Bound Calls	25.25	157	17
TOTALS	308	982	156
POINT TO POINT	34	MULTI POINT	19

SUBMITTED BY: Nan Rowe, NET

State	Acronym	Name	Participants
Alabama	AREN	Alabama Research and Education Network	State government, four-year universities, two-year colleges and K-12 schools.
Alaska			
Arizona			
Arkansas			
California	CENIC CalREN2-DC	Corporation for Education Network Initiatives in California California Research & Education Network/Digital California	Higher Education Research/K-20 Internet 1&2
Colorado	MNT	Multi-Use Network	Required of state government and higher ed
Connecticut	CEN	Connecticut Education Network	Public K-12, public/private higher ed, libraries
Delaware			
Florida	FIRN-2	Florida Information Resource Network	K-12 schools, community colleges, universities, Department of Education
Georgia	CCOP	Converged Communications Outsourcing Project-CANCELLED	government, education, and research users
Hawaii			
Idaho			
Illinois	ICN	Illinois Century Network	schools, museums, libraries, local governments and communities
Indiana	IHETS	Indiana Higher Education Telecommunication System	K12 schools, higher education, public libraries, state government, and public broadcasting
Iowa	ICN	Iowa Communications Network	hospitals, state and federal government, public defense armories, libraries, schools, and higher education
Kansas	KanREN	Kansas Research & Education Network	hospitals, libraries, schools, and higher education
Kentucky	KIH	Kentucky Information Highway	government, education, and research users
Louisiana	LaNET	Louisiana Network	government, education, and research users
Maine			
Maryland			
Massachusetts			
Michigan	MichNet	Michigan Network	any non-profit or governmental organization
Minnesota	InterTech	Minnesota InterTechnologies Group	government, education, and research users
Mississippi			
Missouri	MORENet	Missouri Research & Education Network	K-12 schools, colleges and universities, public libraries, health care, state government and other affiliates
Montana	SummitNet II	Montana SummitNet	government, education, and research users

Nebraska			
Nevada	NevadaNet	Nevada Network	University and Community College System of Nevada (UCCSN), the K-12 educational community, and other participating state and federal agencies
New Hampshire			
New Jersey			
New Mexico	TechNet	New Mexico Technology Network	government, education, and research users
New York	NYSERNet	New York State Education Research Network	education and research
North Carolina	NCREN	North Carolina Research & Education Network	higher ed, libraries, government, schools, nonprofits
North Dakota	STAGEnet	Statewide Technology Access for Government and Education network	state agencies, colleges and universities, local government, and K-12 are required
Ohio	OARNet	Ohio Academic Resources Network	Internet service provider
Oklahoma	OneNet	Oklahoma's Telecommunications Network	public and voc-tech schools; colleges and universities; public libraries; local, tribal, state and federal governments; court systems; rural health care delivery systems; and research
Oregon			
Pennsylvania	KeyNet	Keystone Alliance Network	state government
Rhode Island			
South Carolina			
South Dakota	DDN	Digital Dakota Network	K-12, higher ed, government
Tennessee	TNII	Tennessee Information Infrastructure	government, education, and research users
Texas	TEX-AN 2000	Texas Agency Network	political subdivisions, which include cities, counties, municipalities, and K-12 school districts
Utah			
Vermont	GOVnet	Vermont Government Network (also K12net)	state agencies
Virginia			
Washington	K-20 Network	K-20 Network Project	education and research
West Virginia	WVNET	West Virginia Network	State and county government, K-12, public libraries
Wisconsin	WiscNet	Wisconsin Network	education and research
Wyoming	Internetwork	Wyoming Internetwork	government, education, and research users